## AMENDMENTS TO THE CLAIMS

1. (Currently amended)   A system for monitoring operation of a software application that executes on a processor, which software application is equipped with a Reporting Application Interface that produces a predetermined set of statistics to report on the operation of said software application, comprising:

software application selection means, responsive to user input, for identifying a software application that is executing on said processor;

function identification means for automatically determining which function is presently executing in said identified software application;

polling means, connected to said software application, for bypassing said Reporting Application Interface and periodically polling said presently executing function in said identified software application to retrieve statistics data indicative of operation of said presently executing function in said identified software application; and

data repository means for storing data indicative of an identity of said presently executing function and said retrieved statistics data in a memory.


2. (Currently amended)   The system for monitoring operation of a software application of claim 1 further comprising:

means, responsive to user data input, for setting a polling interval for periodically activating said polling means.


Claim 3     (Canceled)


4. (Currently amended)   The system for monitoring operation of a software application of claim [[3]] 1 wherein said determining function identification means comprises:

means for retrieving statistics data directly from the process call stack of each of said processes said identified software application.

5. (Currently amended)   The system for monitoring operation of a software application of claim [[3]] 1 wherein said polling means comprises:

means for monitoring all the ~~processes~~ functions embodied in the software application.

6. (Currently amended)   The system for monitoring operation of a software application of claim 1 wherein said software application comprises a plurality of ~~processes~~ functions, said data repository means comprises:

means for storing statistics data from all of the ~~processes~~ functions presently executing within said software application.

7. (Currently amended)   The system for monitoring operation of a software application of claim 1 wherein said data repository means comprises:

means for storing said <u>data indicative of an identity of said presently executing function and</u> said retrieved statistics data individually in the data repository to thereby enable the separate analysis of the statistics data.

8. (Currently amended)   A method for monitoring operation of a software application that executes on a processor, <u>which software application is equipped with a Reporting Application Interface that produces a predetermined set of statistics to report on the operation of said software application</u>, comprising:

<u>identifying, in response to user input, a software application that is executing on said processor;</u>

<u>automatically determining which function is presently executing in said identified software application;</u>

<u>bypassing said Reporting Application Interface and periodically</u> polling <u>presently executing function in</u> said <u>identified</u> software application to retrieve statistics data indicative of operation of said <u>presently executing function in said identified</u> software application; and

storing <u>data indicative of an identity of said presently executing function and</u> said retrieved statistics data in a data repository.

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9. (Currently amended) The method for monitoring operation of a software application of claim 8 further comprising:

~~periodically activating said polling means~~ setting, in response to user data input, a polling interval for said step of polling.

Claim 10 (Canceled)

11. (Currently amended) The method for monitoring operation of a software application of claim [[10]] 8 wherein said step of automatically determining comprises:

retrieving statistics data directly from the process call stack of ~~each of said processes~~ said identified software application.

12. (Currently amended) The method for monitoring operation of a software application of claim [[10]] 8 wherein said step of ~~polling~~ bypassing comprises:

monitoring all the ~~processes~~ functions embodied in the software application.

13. (Currently amended) The method for monitoring operation of a software application of claim 8 wherein said software application comprises a plurality of ~~processes~~ functions, said step of storing ~~said statistics~~ data in said data repository comprises:

storing statistics data from all of the ~~processes~~ functions presently executing within said software application.

14. (Currently amended) The method for monitoring operation of a software application of claim 8 wherein said step of storing ~~said statistics~~ data in said data repository comprises:

storing said retrieved statistics data individually in the data repository ~~to~~ thereby to enable the separate analysis of the statistics data.